

SEQUENCE LISTING

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Thompson, John F.
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CARDIOVASCULAR CONDITIONS
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<120> DIAGNOSIS AND TREATMENT OF CARDIOVASCULAR CONDITIONS

<130> P0738/7001/ERP/KA

<150> US 60/227,159

<151> 2000-08-22

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Glu	Ile	Thr	Glu	Leu	Glu	Phe	Val	Gln	Ile	Ile	Ile	Ile	Val	Val	Val	
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Leu	Ser	Ala	Arg	Ser	Phe	Ile	Ser	Arg	His	Ser	Gln	Gly	Arg	Arg	Arg	
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Pro	Thr	Asp	Arg	Leu	Ala	Val	Pro	Pro	Phe	Ala	Gln	Arg	Glu	Arg	Phe	
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Pro	Pro	Thr	Ile	Ser	Leu	Ser	Asp	Gly	Glu	Glu	Pro	Pro	Pro	Tyr	Gln	
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Asp	Leu	Met	Asp	Ser	Ala	Arg	Leu	Gly	Gly	Pro	Cys	Pro	Pro	Ser	Ser	
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Gly	Pro	Pro	Pro	Thr	Tyr	Ser	Glu	Val	Ile	Gly	His	Tyr	Pro	Gly	Ser	
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Thr	Arg	Leu	His	His	Thr	His	Ile	Ala	Pro	Leu	Glu	Ser	Ala	Ala	Ile	
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Trp	Ser	Lys	Glu	Lys	Asp	Lys	Gln	Lys	Gly	His	Pro	Leu				
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Val	Leu	Tyr	Pro	Arg	Val	Val	Arg	Arg	Gln	Leu	Pro	Val	Glu	Glu	Pro
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Asn	Pro	Ala	Lys	Arg	Leu	Leu	Phe	Leu	Leu	Thr	Ile	Val	Phe	Cys	
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ccttaaagtg	aaataatttt	ttgcaaagg	gtttcctcga	tttgagcctt	tttttttctt	180
ccaccgtcat	ttctaactct	taaaaccaac	tcagttccat	c atg gtg atg ttc aag		236
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aag atc aag tct ttt gag gtg gtc ttt aac gac cct gaa aag gtg tac						284
Lys Ile Lys Ser Phe Glu Val Val Phe Asn Asp Pro Glu Lys Val Tyr						
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ggc agt ggc gag agg gtg gct ggc cgg gtg ata gtg gag gtg tgt gaa						332
Gly Ser Gly Glu Arg Val Ala Gly Arg Val Ile Val Glu Val Cys Glu						
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gtt act cgt gtc aaa gcc gtt agg atc ctg gct tgc gga gtg gct aaa						380
Val Thr Arg Val Lys Ala Val Arg Ile Leu Ala Cys Gly Val Ala Lys						
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gtg ctt tgg atg cag gga tcc cag cag tgc aaa cag act tcg gag tac						428
Val Leu Trp Met Gln Gly Ser Gln Gln Cys Lys Gln Thr Ser Glu Tyr						
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Leu Arg Tyr Glu Asp Thr Leu Leu Leu Glu Asp Gln Pro Thr Gly Glu						
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aat gag atg gtg atc atg aga cct gga aac aaa tat gag tac aag ttc						524
Asn Glu Met Val Ile Met Arg Pro Gly Asn Lys Tyr Glu Tyr Lys Phe						
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ggc ttt gag ctt cct cag ggg cct ctg gga aca tcc ttc aaa gga aaa						572

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Gln	Pro	Thr	Gln	Glu	Thr	Lys	Lys	Asn	Phe	Glu	Val	Val	Asp	Leu	Val	
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Asp	Val	Asn	Thr	Pro	Asp	Leu	Met	Ala	Pro	Val	Ser	Ala	Lys	Lys	Glu	
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Lys	Lys	Val	Ser	Cys	Met	Phe	Ile	Pro	Asp	Gly	Arg	Val	Ser	Val	Ser	
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His	Ala	Asp	Phe	Glu	Asn	Thr	Cys	Ser	Arg	Ile	Val	Val	Pro	Lys	Ala	
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Leu	Thr	Gln	Lys	Leu	Ser	Ser	Val	Arg	Gly	Asn	His	Ile	Ile	Ser	Gly	
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Leu	Val	Ile	Gly	Ser	Arg	Ser	Gly	Leu	Ser	Ser	Arg	Thr	Ser	Ser	Met	
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Ala	Ser	Arg														

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375	380	385	
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Val Gln			
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Gln Thr Ser Glu Tyr Leu Arg Tyr Glu Asp Thr Leu Leu Leu Glu Asp	
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Gln Pro Thr Gly Glu Asn Glu Met Val Ile Met Arg Pro Gly Asn Lys	
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Tyr Glu Tyr Lys Phe Gly Phe Glu Leu Pro Gln Gly Pro Leu Gly Thr	
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130 135 140	
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Asp	Glu	Ile	Ser	Ile	His	Ala	Asp	Phe	Glu	Asn	Thr	Cys
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Val	Ile	Pro	Glu	Asp	His	Arg	Leu	Glu	Ser	Pro	Thr	Thr
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Asp	Asp	Met	Asp	Gly	Ser	Gln	Asp	Ser	Pro	Ile	Phe	Met
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Glu	Phe	Lys	Phe	Met	Pro	Pro	Pro	Thr	Tyr	Thr	Glu	Val
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gcc gcc gcc gtg ggc ttc ctc tcc agc ctc ctg agg acc cgg ggc tgc	158					
Ala Ala Ala Val Gly Phe Leu Ser Ser Leu Leu Arg Thr Arg Gly Cys						
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Val Ser Glu Gln Arg Leu Lys Val Phe Ser Gly Ala Leu Gln Glu Ala						
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ctc aca gag cac tac aaa cac cac tgg ttt ccc gaa aag ccg tcc aag	254					
Leu Thr Glu His Tyr Lys His His Trp Phe Pro Glu Lys Pro Ser Lys						
50 55 60						
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 <213> Homo Sapiens

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 35 40 45
 His Tyr Lys His His Trp Phe Pro Glu Lys Pro Ser Lys Gly Ser Gly
 50 55 60
 Tyr Arg Cys Ile Arg Ile Asn His Lys Met Asp Pro Ile Ile Ser Arg
 65 70 75 80
 Val Ala Ser Gln Ile Gly Leu Ser Gln Pro Gln Leu His Gln Leu Leu
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 Pro Ser Glu Leu Thr Leu Trp Val Asp Pro Tyr Glu Val Ser Tyr Arg
 100 105 110
 Ile Gly Glu Asp Gly Ser Ile Cys Val Leu Tyr Glu Glu Ala Pro Leu
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 Arg Ser Ser Pro Ser Lys Asn Tyr Val Met Ala Val Ser
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 Met Asp Leu Thr Ala Ile Tyr Glu Ser Leu Leu Ser Leu Ser Pro Asp
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 Val Pro Val Pro Ser Asp His Gly Gly Thr Glu Ser Ser Pro Gly Trp
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 Gly Ser Ser Gly Pro Trp Ser Leu Ser Pro Ser Asp Ser Ser Pro Ser
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 Gly Val Thr Ser Arg Leu Pro Gly Arg Ser Thr Ser Leu Val Glu Gly
 50 55 60
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 Arg Ser Cys Gly Trp Val Pro Pro Pro Pro Gly Phe Ala Pro Leu Ala
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 Pro Arg Leu Gly Pro Glu Leu Ser Pro Ser Pro Thr Ser Pro Thr Ala

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THE **NEW** **YORK** **PUBLIC** **LIBRARY**

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